



RENOGY

SUPERIOR OFF-GRID SOLUTIONS



4WD, CAMPING AND OUTDOOR

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RNG AU PTY Limited
<http://pro.renogy.com/au>
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SUPERCHEAP
AUTO



SMALL SIZE. BIG POWER.

MODEL NO. RSP2220AA

RENOGY PHOENIX 200 PORTABLE POWER STATION

Multiple Outputs

Empowering your Off-grid Adventure

USB-A x 2 (Fast Charge)
18W Max

USB-C Input/Output Port
60W Max

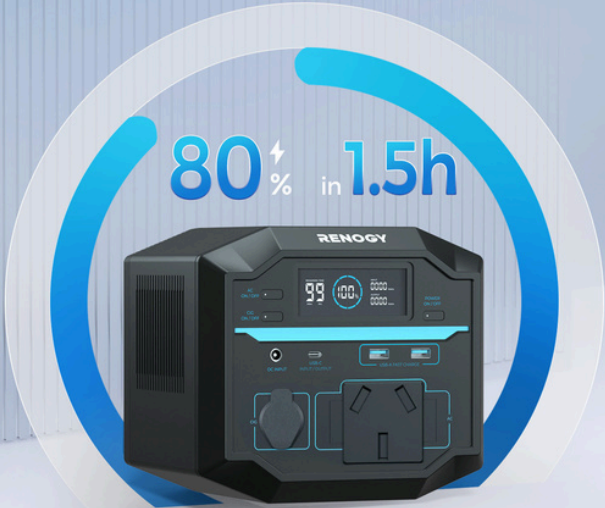
DC Input Port
60W Max

Car Outlet
120W Max

AC Output Port
200W Rated, 400W Surge



Industry-Leading Recharging Speed



*Recharge to 80% in 1.5 hours via both the DC input port and USB-C port.

Pass Through Capability

Recharge PHOENIX while powering devices



Built-in Safety Protection



Reverse Polarity Protection



High/Low Temperature Protection



Short Circuit Protection



Undervoltage Protection



Overvoltage Protection



Overcurrent Protection



4 Recharging Methods

USB-C Charging

4.2H

Wall outlet Charging

4.2H

Solar Charging

4.2H

Car Charging

8.5H

Power All Your Daily Need

AC PORT



Projector

3.7 Hours



TV

3.7 Hours

USB-A QUICK CHARGE



Bluetooth Speaker

23 Times



iPhone 13

14.5 Times

CIG PORT



Portable Fridge

7.4 Hours



CPAP

28.5 Hours

Humidifier & Heater Off

USB-C QUICK CHARGE



iPad Pro 11

6.6 Times



MacBook Air

3.5 Times



Drone

2.5 Times



Cell Chemistry

Lithium Iron

Power Capacity

14.8V, 15000mAh / 222Wh

Cycle Life

500 Cycles (80% DOD)

Storage Temperature

0°C to 45°C

Charge Temperature

0°C to 40°C

USB-C Input

5V 3A, 9V 3A, 12V 3A, 15V 3A, 20V 3A, 60W Max

DC Input

10V~25V 4A, 60W Max

Dimensions

190 x 155 x 170 mm

Weight

2.4 kg

Warranty

1 Year

Unfold Your Next Big Adventures

Renogy E.FLEX 220W Portable Solar Panel



Higher Conversion Efficiency



Pack & Go



Easy-to-Set Kickstands



Designed for Outdoors



MODEL NO. RSP220EF



PROTECTIVE CASE

- Easily portable with impact protection for transportation.



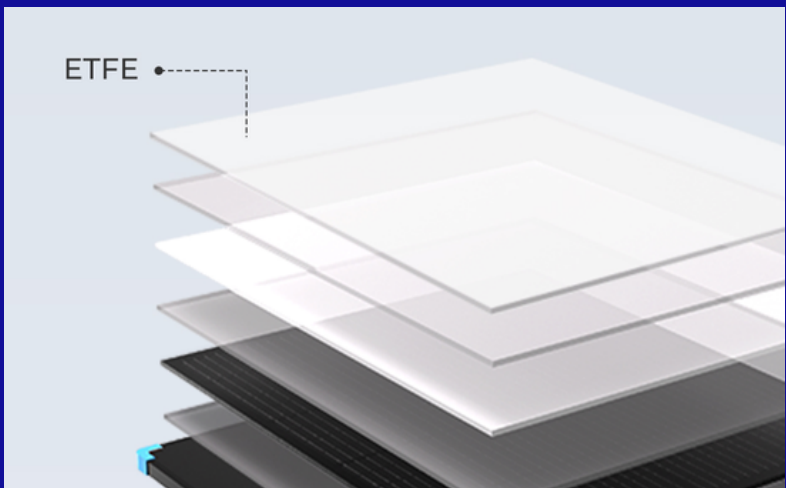
EASY CONNECTIONS

- User-friendly design with MC4 connectors, allowing for plug-and-play setup.



CORNER PROTECTION

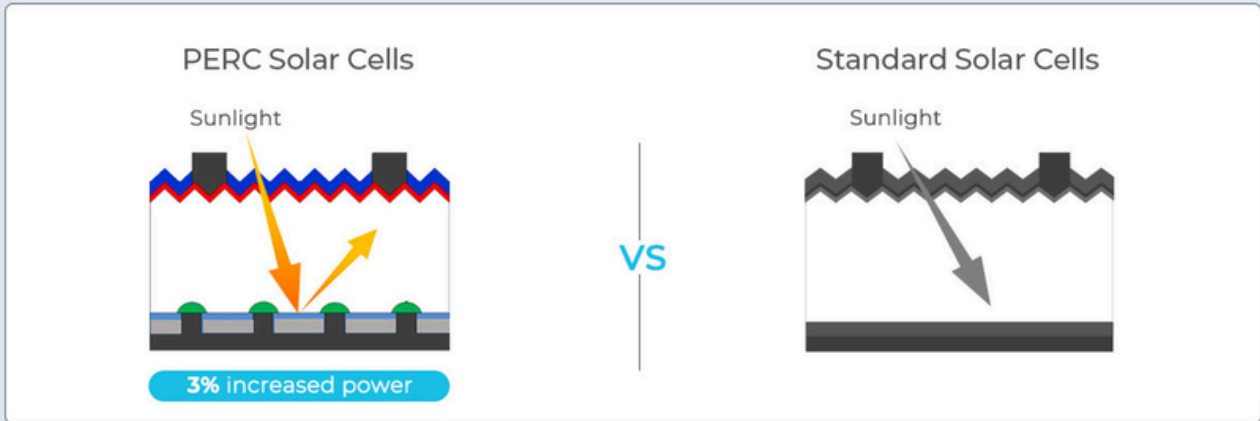
- Enhances longevity and resilience, protecting against wear and tear.



ETFE COATING

- Enhances durability and weather resistance for long-term performance.

More Light Captured with PERC Cells



ROBUST STRUCTURE FOR CONSISTENT PANEL OUTPUT

Sturdy, rust-resistant kickstands with adjustable angles allow maximum power generation.



ETFE Films to Last for Years

ETFE		PET
10+ Years		3 Years
95% transparency		90% transparency
Heat-resistant up to 302°F		Short-term heat-resistance
Highest fire retardancy (UL94 VTM-0)		Lower fire retardancy
Self cleaning		High maintenance

Max Power at STC	220W
Model No.	RSP220EF
Optimum Operating Voltage	20.0V
Optimum Operating Current	11A
Open Circuit Voltage	23.6V
Short-Circuit Current	12.1A

Maximum Series Fuse Rating	15A
Cell Efficiency	22.70%
Dimensions	1843x690x20 mm
Dimensions (foled)	460*690*80mm
Weight	7.2kg
Warranty	1 Year

RUGGED RELIABILITY ANYTIME ANYWHERE

RENOGY 12V 100AH PRO LITE LIFEPO4 BATTERY

RRBT12100LFP-PL-G1

LITHIUM IRON PHOSPHATE BATTERY



300A@10s Peak Discharge Current

Power up your fridge, air conditioners, and more heavy loads



EV Grade Cells

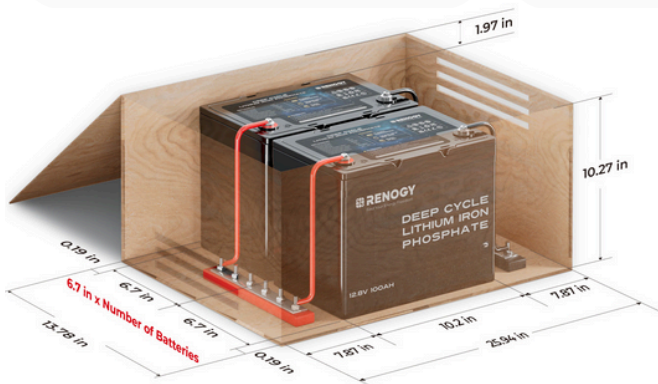
The Renogy 12V 100Ah PRO Lite LiFePO4 Battery, featuring EV-grade cells, delivers consistent power and lasts nearly 10 times longer than an average lead-acid battery.

6% More Power

The Renogy 12V 100Ah PRO Lite battery delivers a 300A peak output for 10 seconds, enabling it to start heavy loads like AC units and compressors.

Protections Against Bumps

Reaching your dream destination often involves a bumpy ride. That's why this battery features a rugged structural design to protect components from road vibrations.



Dimensional Reference Guide

Before installing the battery, please note that you need to leave 1.97-3.94 in (5-10 cm) for the top of the battery; the side with busbars needs to be left at least 7.87 in (20 cm).
PRO LITE 12V 100AH : 260 x 169 x 211 mm
Weight: 10.5 kg



Renogy PRO Lite offers a cost-effective solution with lasting performance. Available in 12V and 24V options, it supports various connections for consistent power.

- Series (Up to 4) Parallel (Up to 8)
- Series & Parallel (4P4S)

Expand Your Power Storage to Max. 20.48kWh

Open up new possibilities of off-grid power in the way you like

Max. 5.12kWh
Series

Max. 20.48kWh
Series-Parallel

Max. 10.24kWh
Parallel

Advanced BMS for Enhanced Battery Protection

Stay Secure in Any Weather with EV-Grade Cells and BMS Protection

Drops Below 32°F

Charging Stops

Self-Heating Starts

Rises Above 32°F

Charging Resumes

Configure Your Power Plant. Your Way.

Open up new possibilities of off-grid power in the way you like

4P4S
48V (51.2V) 400Ah
20.48kWh

4S
48V (51.2V) 100Ah
5.12kWh

8P
12V (12.8V) 800Ah
10.24kWh

2. Please select right amount of batteries & proper connection based on applications for system set-up.

Model No.	RBT12100LFP-PL-G1
Battery Type	Lithium Iron Phosphate
Nominal Voltage	12.8V
Rated Capacity	100Ah (0.5C, 25°C)
Cycle Life (0.5C, 25°C)	5000 Cycles (80% DOD, 80% EOL)
Maximum Charge Current	100A
Maximum Discharge Current	100A
Peak Discharge Current	300A @10s
Protection Rating	IP65
Charge Temperature Range	0°C to 55°C
Discharge Temperature Range	-20°C to 60°C
Connection Method	Series (Up to 4); Parallel (Up to 8); Series & Parallel (4P4S)
Housing Material	ABS
Dimensions	260 x 169 x 211 mm
Weight	10.5 kg
Certification	MSDS, UN38.3, FCC, CE, PSE, and UKCA
Warranty	5 Year

MPPT SOLAR CHARGE CONTROLLER



EXPERIENCE UNMATCHED EFFICIENCY

IN TRACKING, CONVERSION, AND HEAT DISSIPATION

ROVER LI 20 AMP MPPT SOLAR CHARGE CONTROLLER

RNG-CTRL-RVR20-G2-E-AU



Comprehensive Protection

High-quality casing materials and a rubber strip prevent rust, corrosion, and contamination while protecting wiring for optimal functionality.



Customize the charging temperature range via Bluetooth for maximum efficiency

Rapid Heat Dissipation

The Rover charge controller efficiently dissipates heat, ensuring peak performance and protecting your batteries and system components, even in demanding environments.



Lithium Battery Activation

Activate this function to charge lithium batteries at low voltages, reviving dead batteries and extending their lifespan.

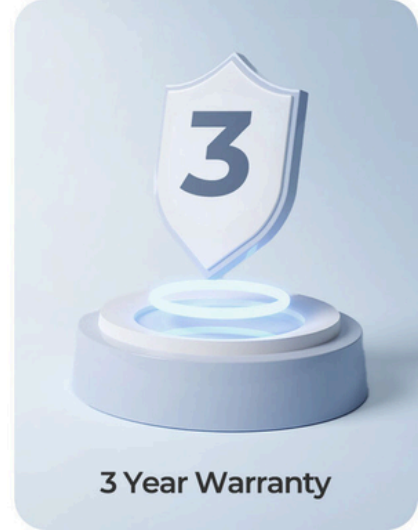


Low Temperature Protection



Wide Charging Temperature Range
40°F~149°F





What are the advantages of Renogy MPPT technology?

Renogy Rover series solar charge controllers utilize advanced Maximum Power Point Tracking (MPPT) technology to optimize solar panel efficiency by tracking the maximum power voltage point as it varies with sunlight and temperature. This ensures maximum system efficiency, significantly outperforming standard PWM controllers. Additionally, the wide solar input voltage range of MPPT technology allows the Rover series to work with standard off-grid 12/24V panels and high-voltage or multiple panels up to 95V.

Model No.	RNG-CTRL-RVR20-G2-E-AU
Nominal System Voltage	12/24V
Rated Charge Current	20A
Max. PV Input Voltage	100 VDC
Max. PV Input Power	12V/260W 24V/520W
Temperature Compensation	-3mV/°C/2V
Operating Temperature Range	-35°C to 45°C
Dimensions	210 x 151 x 68 mm
Weight	1.4 kg
Certification	FCC Class B Part 15 Compliant, CE, RoHS, ETL Listed to UL1741 and CSA C22.2
Warranty	3-Year warranty on materials and workmanship

DC-DC BATTERY CHARGER WITH SOLAR MPPT



2-IN-1 ROBUST AND RESILIENT DESIGN

RENOGY 12V/24V IP67 50A DC-DC
BATTERY CHARGER WITH MPPT

RBC2125DS-21W-B-AD-G1-AU



Drop-Resistant

The durable sheet metal casing provides a robust shell that withstands drops and impacts, ensuring long-lasting reliability.



Water-Resistant

Featuring an all-around glue filling design, this charger offers complete protection and a high level of waterproofing for worry-free outdoor use.



Temperature-Resistant

Designed to operate in extreme temperatures from -35°C to 80°C maintaining full-load performance even at 55°C, making it perfect for any environment.





Compact Waterproof DC-DC Charger

Maximize your car space while ensuring uninterrupted power, even when submerged in water up to one meter deep



Monitor with Ease

Compatible with both built-in Bluetooth and wired CAN communication



Compatible with Most Battery Types

Greater flexibility for system upgrades, reduces costs, and ensures adaptability to evolving technological changes

Lithium Battery



Lead-Acid Battery



System Voltage	12V/24V - 12V/24V
Power Type	DC to DC
Solar Input Voltage	50 VDC
Alternator Input	9-32 VDC
Maximum Output Current Rating	50A
Output Power	720W
Communication Protocol	Built-in BT, CAN
Compatible Batteries	AGM, Gel, Standard Lead Acid, Lithium (LiFePO4)
Operating Temperature Range	-35°C to 80°C
Dimensions	178.2 x 121.5 x 37.5mm
Weight	1.86 kg
Certification	RCM, CE, RoHS, FCC Part 15 class B
Warranty	3 Year

BATTERY INVERTER 12V - 230V

RELIABLE POWER SEAMLESS SWITCHING



2000W 12V TO 230V/240V PURE SINE WAVE
INVERTER (WITH UPS FUNCTION)

R-INV-T-PUH1-201235-G4-E-AU



Stable Output Voltage

Provide protection of connected devices, ensures efficiency and accuracy of sensitive devices, and improves your system performance.



Heat Dissipation

Optimize system performance to run smoothly and efficiently, even in extreme temperatures, ensuring consistent operation at its peak.

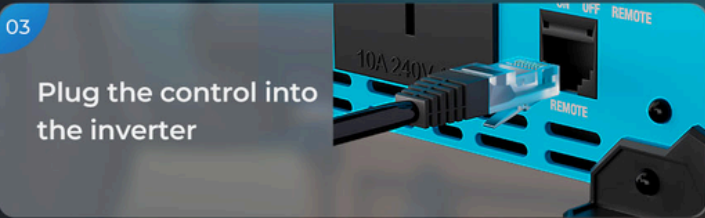


Remote Control

A 3-meter cable in the package helps you control devices remotely when installed in an inaccessible place.



EFFORTLESS INSTALLATION

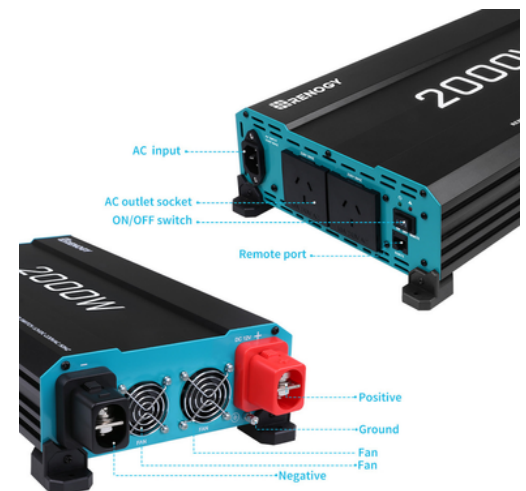
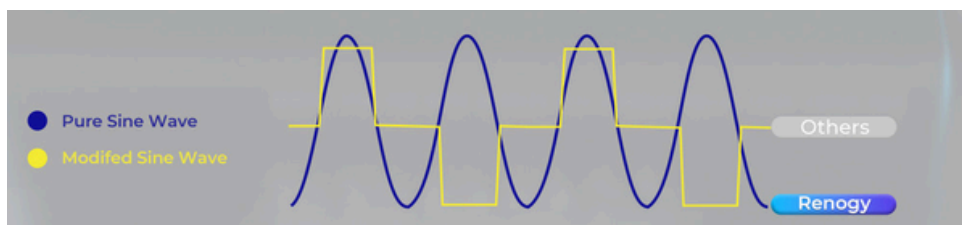


*Our package includes all necessary accessories to streamline the installation process.

Power Rating	2000W
Surge Power (Peak Power)	4000W
DC Input Voltage	12V DC
AC Output Voltage	220-240V AC
AC Output Frequency (Nominal)	50 HZ
Output Wave Form	Pure Sine Wave
Low Voltage Shutdown	10VDC
Low Voltage Protection	Recover from low voltage protection
High Voltage Shutdown	16.3VDC
Battery Supply & AC Main Transfer Time	Within 50mS
Working Temperature	0°C~40°C
Dimensions	442*220*92 mm
Weight	4.8Kg
Certification	RCM, CE
Warranty	1 Year



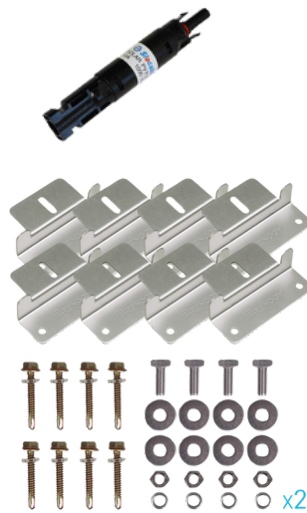
PRODUCES A WAVEFORM THAT CLOSELY RESEMBLES THE ELECTRICITY SUPPLIED BY THE UTILITY GRID.



PREMIUM SOLAR PANEL KIT

CAPTURE THE POWER OF THE SUN

EVERYTHING YOU NEED FOR A
STRAIGHTFORWARD AND SAFE SOLAR SETUP



High-Efficiency Solar Panel ✓

Durable Mounting Solution ✓

Safety First ✓

The 175W monocrystalline solar panel maximizes power generation with superior efficiency. This kit includes 2 sets of Z brackets for easy installation and a high-quality 20A inline fuse for overcurrent protection, ideal for RVs, boats, and cabins.

RNG-175D-FUSE20-ZB2-G1-AU



Max Power at STC	175W
Optimum Operating Voltage	18.1 V
Optimum Operating Current	9.67 A
Open Circuit Voltage	21.6V
Short-Circuit Current	10.31 A
Cable	13AWG 700mm
Dimensions	1262 x 699 x 35mm
Weight	10 kg
Operating Temperature	-40°C to +90°C
Warranty	5-Year warranty on materials and workmanship. 25 Year Performance Warranty

POWER GENERATION

In 7 hours of sunlight, the 175W solar panel will generate

Power = Panel Wattage × Hours of Sunlight

1225 Wh (Watt-hours) = 175Watt x 7 Hours

COMPLETE YOUR OFF-GRID SYSTEM WITH RENOGY ACCESSORIES

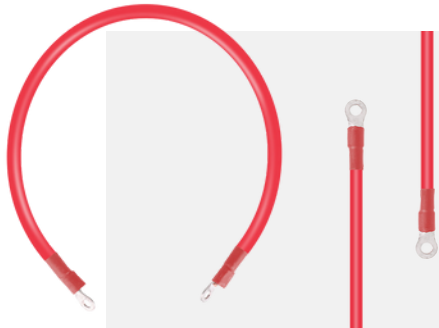


Renogy ANL fuse protects your system from over-current, covering your charge controller, battery, inverter, and wiring. Made from high-quality alloy and brass copper with a clear, non-conductive cover, it ensures easy installation and system longevity.

60A RPD60ANL-SET-SCA-G1-AU

250A RPD250ANL-SET-SCA-G1-AU

Solar Y Branch Connectors are designed for parallel wiring of solar panels (PV modules). Sold as a pair, they maintain your solar panel voltage to match your battery size. Compatible exclusively with Solar connectors, the set includes one male (MMF) and one female (FFM) connector for secure connections. **RNG-CNCT-MC4Y-SCA-G1-AU**



Renogy fuse cable connects your ANL fuse to your batteries with ease. Equipped with battery rings on both ends for effortless connections—one to your battery and the other to your ANL fuse. Available in three gauge sizes to perfectly match your system needs.

RPC0206BC-RD-SCA-G1-AU

The **MC4 to Anderson Connector Adapter** is a 7M extension lead with 8 AWG cable, eliminates screw terminals and avoids connection issues from frayed wires or loose terminals with its plug-and-play design. The MC4 connectors are IP-rated and self-locking, while the Anderson plugs ensure easy, polarity-safe connections.

RPC2308MSB-50-SCA-G1-AU



The **RING to Anderson Connector Adapter** is a 10M extension lead with 6 AWG high-purity, oxygen-free tinned copper wire for maximum conductivity. Designed to withstand temperatures from -40°C to 105°C, with silver-plated contacts for durability, this cable meets high standards and performs reliably under harsh vibration conditions.

RPC3306SR-50-SCA-G1-AU

INDUSTRY LEADER IN OFF-GRID POWER SINCE 2010

Established in 2010, Renogy is a global leader in off-grid solutions, headquartered in Los Angeles, California, with 11 operations centers worldwide. Collaborating with RV manufacturers, dealers, and Renogy Certified Installers, Renogy provides innovative off-grid solutions globally.

RENOGY solutions are equipped with advanced safety features, protocols, full UL, CE, and international compliance, and integrated system monitoring, ensuring protection across all system components. Backed by our dedicated global and local customer support and certified dealer training, RENOXY stands as your go-to off-grid power department.

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RNG AU PTY Limited

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14 YEARS

Global Innovation in Off-Grid Energy

11 GLOBAL OPERATIONS

Global R&D, manufacturing, and Customer Support sites in United States, Australia, China, Japan, Europe, and the Philippines.

TOTAL OFF-GRID SOLUTIONS

Solar Panels, Batteries, Chargers, Inverters, and Monitors